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Best Local Similarity 100.0%; Score 23; DB 2; Length 160;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
    |||||
DB 94 MLRLQ 98

RESULT 4
A71400
conserved hypothetical protein TP0650 - syphilis spirochete
C:Species: Treponema pallidum subsp. pallidum (syphilis spirochete)
C:Date: 24-Jul-1998 #sequence_revision 24-Jul-1998 #text_change 28-Jul-2000
C:Accession: A71300
K:Fraser, C.M.; Morris, S.J.; Weinstein, G.M.; White, O.; Sutton, G.G.; Dodson, E.; Gwin-
son, J.; Khalak, H.; Richardson, D.; Howell, J.K.; Chidambaram, M.; Utterback, T.; McDe-
vey, L.; Weidman, J.; Smith, H.O.; Venter, J.C.
Science 281, 375-388, 1998
A:Title: Complete genome sequence of Treponema pallidum, the syphilis spirochete.
A:Reference number: A71250; MUID:98332770; PMID:9665876
A:Accession: A71300
A:Status: preliminary; nucleic acid sequence not shown; translation not shown
A:Molecule type: DNA
A:Residues: 1-160 <Col>
A:Cross references: GB:AK001249; CR:AF000520; NID:q322937; PIDN:AA065623.1; PID:q322937
A:Experimental source: strain Nichols
C:Genetics:
A:Gene: TP0650
C:Superfamily: Haemophilus influenzae conserved hypothetical protein HI0004

Query Match 100.0%; Score 23; DB 2; Length 160;
Best Local Similarity 100.0%; Score 23; DB 2; Length 160;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
    |||||
DB 137 MLRLQ 141

RESULT 4
K5RT19
ribosomal protein L19, cytosolic (validated) - rat
C:Species: Rattus norvegicus (Norway rat)
C:Date: 30-Jun-1991 #sequence_revision 30-Jun-1991 #text_change 21-Jul-2000
C:Accession: A26710; A34989; A56846; I59154; S09560
K:Chan, Y.L.; Lin, A.; McNally, J.; Peleg, D.; Meyuhas, O.; Wool, I.G.
J. Biol. Chem. 262, 1111-1115, 1987
A:Title: The primary structure of rat ribosomal protein L19. A determination from the se-
A:Reference number: A26710; MUID:87109220; PMID:3542947
A:Accession: A26710
A:Molecule type: mRNA
A:Residues: 1-196 <CHA>
A:Cross references: EMBL:302450; NID:q206725; PIDN:AAA42071.1; PID:q206725
A:Accession: A34989
A:Molecule type: protein
A:Residues: 4-12 <CHA>
A>Note: The protein is designated as ribosomal protein L19
K:Davies, B.; Fried, M.
Genomics 25, 375-380, 1996
A:Title: The L19 ribosomal protein gene (RPL19): gene organization, chromosomal mapping,
A:Reference number: A56846; MUID:95309403; PMID:7784970
A:Accession: A56846
A:Status: preliminary; translated from GP/EMBL/UG61

A:Molecule type: DNA
A:Residues: 1-119, VSQVPEGVREVCVQVANSIPRAIPUTEAPQGPQATG; 157-196 <PES>
A:Cross references: EMBL:X82202; NID:q732917; PID:q762995
A>Note: The differences in the central region are due to a frameshift error resulting fr
K:Davies, B.; Foo, S.; Hoard, E.; Fried, M.
Proc. Natl. Acad. Sci. U.S.A. 86, 6691-6695, 1989
A:Title: A strategy to delete and isolate an intron-containing gene in the presence of m
A:Reference number: I59154; MUID:84367814; PMID:2771953
A:Accession: I59154
A:Status: translated from GB/EMBL/UDBJ

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A:Molecule type: DNA
A:Residues: 1-135 <RL2>
A:Cross references: GB:M0264; NID:q205112; PIDN:AAA41503.1; PID:q554467
C:Genetics:
A:Gene: RPL19
A:Introns: 2/2; 38/1; 79/1; 119/3; 156/3
C:Superfamily: rat ribosomal protein L19
C:Keywords: protein biosynthesis; ribosome; RNA binding

Query Match 100.0%; Score 23; DB 1; Length 196;
Best Local Similarity 100.0%; Score 23; DB 1; Length 196;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
    |||||
DB 3 MLRLQ 7

RESULT 5
A36554
ribosomal protein L19 - mouse
C:Species: Mus musculus (house mouse)
C:Date: 31-Mar-1992 #sequence_revision 31-Mar-1992 #text_change 13-Aug-1999
C:Accession: A36554
K:Nakamura, T.; Oono, M.; Marjage Samset, R.; Hilleva, J.; Hill, M.
DNA Cell Biol. 9, 697-703, 1990
A:Title: Nucleotide sequence of mouse L19 ribosomal protein cDNA isolated in screenin
A:Reference number: A36554; MUID:91090840; PMID:1702292
A:Accession: A36554
A:Status: not compared with conceptual translation
A:Molecule type: mRNA
A:Residues: 1-196 <NAK>
A:Cross references: GB:M2952; NID:q198642; PIDN:AA048630.1; PID:q198643
C:Superfamily: rat ribosomal protein L19
C:Keywords: protein biosynthesis; ribosome

Query Match 100.0%; Score 23; DB 2; Length 196;
Best Local Similarity 100.0%; Score 23; DB 2; Length 196;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
    |||||
DB 3 MLRLQ 7

RESULT 6
A48992
ribosomal protein L19 - human
C:Species: Homo sapiens (man)
C:Date: 19-Dec-1993 #sequence_revision 18-Nov-1994 #text_change 13-Aug-1999
C:Accession: A48992; S22656
K:Henry, J.L.; Coquin, D.L.; King, C.R.
Cancer Res. 53, 1403-1408, 1993
A:Title: High-level expression of the ribosomal protein L19 in human breast tumors th
A:Reference number: A48992; MUID:93185086; PMID:8095182
A:Accession: A48992
A:Molecule type: nucleic acid
A:Residues: 1-196 <HEN>
A:Cross references: GB:S57985; NID:q298485; PIDN:AA025672.1; PID:q298486
A:Experimental source: breast cancer cell line, MCF-7
A>Note: sequence extracted from NCHI backbone (NCHI:127871, NCHI:127872)
K:Kumabe, T.; Schma, Y.; Yamamoto, T.
Nucleic Acids Res. 20, 2598, 1992
A:Title: Human cDNAs encoding elongation factor 1alpha and the ribosomal protein L19
A:Reference number: S22655; MUID:9225147; PMID:1598220
A:Accession: S22656
A:Status: nucleic acid sequence not shown; translation not shown
A:Molecule type: mRNA
A:Residues: 1-196 <KUM>
A:Cross references: EMBL:X6527; NID:q36127; PIDN:AAA45996.1; PID:q36128
A>Note: this sequence was submitted to the EMBL Data Library, December 1991
C:Genetics:
A:Gene: GDB:RPL19

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A:Cross-references: GDB:128847; OMIM:180466
 A:Map position: 17q11-17q11
 C:Superfamily: rat ribosomal protein L19
 C:Keywords: protein biosynthesis; ribosome

Query Match 100.0%; Score 23; DB 2; Length 196;
 Best Local Similarity 100.0%; Pred. No. 58;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 II III
 DB 3 MLRLQ 7

RESULT 7

AF1561
 ABC transporter, ATP-binding protein homolog lin1031 [Imported] - Listeria innocua (stra
 C:Species: Listeria innocua
 C:Date: 27-Nov-2001 #sequence_revision 27-Nov-2001 #text_change 27-Nov-2001
 C:Accession: AF1561
 R:Glaser, P., Frangeul, L., Buchrieser, C., Amend, A., Rapoport, F., Berche, F., Blauwk
 ; Dominguez-Bernal, G., Duchaud, E., Durand, L., Dussartre, O., Entian, K., Fsihi, H
 D.; Jones, L.M.; Karst, U.
 Science 294, 849-852, 2001
 A:Authors: Kreft, J., Kuhn, M., Kunst, F., Kurapk, G., Madheno, E., Maitouram, A., Ma
 of, C., Schlueter, T., Simoes, N., Tieszen, A., Vazquez-Boland, J.A., Voss, H., Wehlund
 A:Title: Comparative genomics of Listeria species.
 A:Reference number: AB077; MIM:2153279; EMBL:U127966
 A:Accession: AF1561
 A:Status: preliminary
 A:Molecule type: DNA
 A:Residues: 1-220 GLA
 A:Cross-references: GR:AL00002; PIR:7A766262.1; PIR:q1641446; SPTB 3850196
 A:Experimental source: strain Clp11262
 C:Genetics:
 A:Gene: lin1031

Query Match 100.0%; Score 23; DB 2; Length 220;
 Best Local Similarity 100.0%; Pred. No. 66;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 II III
 DB 1 MLRLQ 5

RESULT 8

AG1204
 ABC transporter, ATP-binding protein homolog lin1039 [Imported] - Listeria monocytogenes
 C:Species: Listeria monocytogenes
 C:Date: 27-Nov-2001 #sequence_revision 27-Nov-2001 #text_change 27-Nov-2001
 C:Accession: AG1204
 R:Glaser, P., Frangeul, L., Buchrieser, C., Amend, A., Rapoport, F., Berche, F., Blauwk
 ; Dominguez-Bernal, G., Duchaud, E., Durand, L., Dussartre, O., Entian, K., Fsihi, H
 D.; Jones, L.M.; Karst, U.
 Science 294, 849-852, 2001
 A:Authors: Kreft, J., Kuhn, M., Kunst, F., Kurapk, G., Madheno, E., Maitouram, A., Ma
 of, C., Schlueter, T., Simoes, N., Tieszen, A., Vazquez-Boland, J.A., Voss, H., Wehlund
 A:Title: Comparative genomics of Listeria species.
 A:Reference number: AB1077; MIM:2153279; EMBL:U127966
 A:Accession: AG1204
 A:Status: preliminary
 A:Molecule type: DNA
 A:Residues: 1-220 GLA
 A:Cross-references: GR:NC_004210; PIR:CA099117.1; PIR:q16410441; SPTB 3850177
 A:Experimental source: strain EGD-e
 C:Genetics:
 A:Gene: lin1039

Query Match 100.0%; Score 23; DB 2; Length 220;
 Best Local Similarity 100.0%; Pred. No. 66;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 II III
 DB 1 MLRLQ 5

RESULT 9

S36703
 gene 8 protein - equine herpesvirus 4
 N:Alternate names: B2 protein
 C:Species: equine herpesvirus 4
 C:Date: 24-Jan-1994 #sequence_revision 12-May-1995 #text_change 11-Jul-2000
 C:Accession: S36703; U42551
 R:Riggio, P.
 submitted to the EMBL Data Library, November 1989
 A:Reference number: S36703
 A:Accession: S36703
 A:Status: preliminary
 A:Molecule type: DNA
 A:Residues: 1-244 LGS
 A:Cross-references: EMBL:X17084; NID:q12459; PIR:CAA5668.1; PIR:q459216
 R:Tellard, E.A.; Watson, M.S.; Perry, J.; Cullinane, A.A.; Davison, A.J.
 J. Gen. Virol. 79, 1197-1203, 1998
 A:Title: The DNA sequence of equine herpesvirus-4.
 A:Reference number: U42551, MIM:59264197; PMID:9603335
 A:Accession: U42551
 A:Status: preliminary, translated from GB/EMBL/DBJ
 A:Molecule type: DNA
 A:Residues: 1-244 LGS
 A:Cross-references: EMBL:AF06067; NID:q12459; PIR:CAA5668.1; PIR:q459216
 A:Experimental source: strain NS80567
 C:Genetics:
 A:Gene: 8
 C:Superfamily: varicella-zoster virus gene 7 protein

Query Match 100.0%; Score 23; DB 2; Length 244;
 Best Local Similarity 100.0%; Pred. No. 73;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5
 II III
 DB 34 MLRLQ 38

RESULT 10

WZBEA7
 gene 8 protein - equine herpesvirus 1 (strain AB4p)
 C:Species: equine herpesvirus 1
 A:Note: host Equus caballus (domestic horse)
 C:Date: 30-Sep-1992 #sequence_revision 30-Sep-1992 #text_change 16-Jul-1999
 C:Accession: U42551
 R:Tellard, E.A.; Watson, M.S.; McBride, K.; Davison, A.J.
 submitted to GenBank, March 1992
 A:Description: The DNA sequence of equine herpesvirus-1.
 A:Reference number: U42551
 A:Accession: U42551
 A:Molecule type: DNA
 A:Residues: 1-245 KTEL
 A:Cross-references: GR:M86664; NID:q130791; PIR:AA02443.1; PIR:q430800
 R:Tellard, E.A.; Watson, M.S.; McBride, K.; Davison, A.J.
 Virology 189, 304-316, 1992
 A:Title: The DNA sequence of equine herpesvirus-1.
 A:Reference number: U42551, MIM:92295566; PMID:1318606
 A:Contents: annotation; possible protein-coding frames
 A:Note: neither amino acid nor nucleotide sequence is given
 C:Genetics:
 A:Gene: 8
 C:Superfamily: varicella-zoster virus gene 7 protein

Query Match 100.0%; Score 23; DB 1; Length 245;
 Best Local Similarity 100.0%; Pred. No. 74;
 Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;

QY 1 MLRLQ 5

A:Residues: 1-322 <SIM>
A:Cross-references: GB:AF004035; GB:AF003849; NID:g9107371; PIDN:AAF85025.1; GSPDR:GN001
A:Experimental source: strain 9a5c
R:Simpson, A.J.G.; Reimach, F.C.; Arruda, P.; Abreu, F.A.; Acencio, M.; Alvarenga, R.; A
Briones, M.P.S.; Bueno, M.P.P.; Canarqo, A.A.; Carraro, I.E.A.; Carraro, D.M.; Carreir, H
as Neto, R.; Boccard, C.; El-Dorri, H.; Facincani, A.P.; Ferreira, A.J.S.
submitted to GenBank, June 2000
A:Authors: Ferreira, V.C.A.; Ferro, J.A.; Praga, J.S.; Franco, S.C.; Franco, M.C.; Frohm
J.D.; Junqueira, M.L.; Kemper, E.L.; Kitajima, J.P.; Krieger, J.E.; Kuramae, E.E.; Lalq
chado, M.A.; Madeira, A.M.B.N.; Madeira, H.M.F.; Marino, C.L.; Marques, M.V.; Martins, B
A:Authors: Martins, F.M.F.; Matsukuma, A.Y.; Menck, C.F.M.; Miracca, E.C.; Miyaki, C.Y.
F.C.; Nunes, L.R.; Oliveira, M.A.; de Oliveira, M.C.; de Oliveira, R.C.; Palmieri, D.A
Rodrigues, V.; Rosa, A.J.; de M., de Rosa Jr., V.E.; de Sa, R.G.; Santelli, R.V.; Sawasak
A:Authors: da Silva, A.C.R.; da Silva, F.R.; da Silva, A.M.; Silva Jr., W.A.; da Silveir
M.; Tshukko, M.H.; Vallada, H.; Van Sluys, M.A.; Verjovski Almeida, S.; Vettore, A.L.; Z
A:Reference number: A59328
A:Contents: annotation
C:Genetics:
A:Gene: XF2226
C:Superfamily: ornithine carbamoyltransferase; aspartate/ornithine carbamoyltransferase

Query Match 100.0%; Score 23; DB 2; Length 322;
Best Local Similarity 100.0%; Pred. NO. 98;
Matches 5; Conservative 0; Mismatches 0; Indels 0; Gaps 0;
QY 1 MLRQ 5
DB 237 MLRQ 241

Search completed: January 16, 2003, 16:57:53
Job time : 9.21429 secs

